

WHAT IS CLAIMED IS:

1. A method of quantifying the amount of a target nucleic acid of less than about 30 nt in length in a sample, said method comprising:
  - 5 a) contacting said sample with at least two ligation domains that are complementary to different domains of said target nucleic to produce a reaction mixture;
  - b) ligating any resultant annealed ligation domains of any resultant ligation oligonucleotide/target nucleic acid complexes in said  
10 reaction mixture to produce a pseudotarget nucleic acid; and
  - c) determining the presence of any pseudotarget nucleic acids in said reaction mixture to quantify the amount of said target nucleic acid in said sample.
- 15 2. The method according to Claim 1, wherein said target nucleic acid is a ribonucleic acid.
3. The method according to Claim 1, wherein said target nucleic acid does not exceed about 25 nt in length.  
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4. The method according to Claim 1, wherein said target nucleic acid is single-stranded.
5. The method according to Claim 1, wherein said target nucleic acid is an  
25 siRNA molecule.
6. The method according to Claim 5, wherein said siRNA molecule is a shRNA molecule.
- 30 7. The method according to Claim 1, wherein said ligation domains are present on separate oligonucleotides.

8. The method according to Claim 7, wherein said ligation domains are present on a Combined Oligo.
9. The method according to Claim 8, wherein said Combined Oligo is a linear deoxyribonucleic acid comprising terminal ligation domains.
10. The method according to Claim 10, wherein said determining does not comprise amplifying said pseudotarget nucleic acid.
11. The method according to Claim 1, wherein said determining comprises amplifying said pseudotarget nucleic acid.
12. The method according to Claim 1, wherein said amplifying is by one of PCR, isothermal amplification, rolling circle amplification and branched DNA.
13. The method according to Claim 1, wherein said quantifying is relative.
14. The method according to Claim 1, wherein said quantifying is absolute.
15. The method according to Claim 1, wherein said ligating occurs at a temperature ranging from about 20 to about 45°C.
16. The method according to Claim 15, wherein said ligating occurs at a temperature ranging from about 37 to about 42 °C.
17. The method according to Claim 1, wherein said target nucleic acid is a peptide nucleic acid, locked nucleic acid, methylated nucleic acid, nucleic acid conjugate, thio-nucleic acid or morpholino nucleic acid.
18. A method of quantifying an siRNA in a sample, said method comprising:  
a) contacting said sample with at least two ligation deoxyribo-oligonucleotides that are complementary to different adjacent domains of said siRNA to produce a reaction mixture;

- b) ligating any annealed ligation deoxyribo-oligonucleotides of any resultant ligation deoxyribooligonucleotide/siRNA complexes in said reaction mixture to produce a pseudotarget nucleic acid;
- c) amplifying any pseudotarget nucleic acids in said reaction mixture
- 5 by PCR; and
- d) detecting any resultant PCR amplified product to quantitate said siRNA in said sample.

10 19. The method according to Claim 18, wherein said siRNA is single-stranded.

20. The method according to Claim 18, wherein said siRNA is double-stranded.

15 21. The method according to Claim 20, wherein said double-stranded siRNA is a short hairpin RNA.

22. The method according to Claim 18, wherein said quantitating is relative.

20 23. The method according to Claim 18, wherein said quantitating is absolute.

24. A system for detecting the presence of a target nucleic acid in a sample, said system comprising:

- 25 a) at least two ligation domains complementary to different regions of said target nucleic acid;
- b) a ligase; and
- c) pseudotarget detection reagents.

30 25. The system according to Claim 24, wherein said pseudotarget detection reagents comprise PCR primers.

26. The system according to Claim 25, wherein said system further comprises one or more additional PCR reagents.

27. A kit for detecting the presence of a target nucleic acid in a sample, said  
5 system comprising:

a) at least two ligation domains complementary to different regions of said target nucleic acid; and

b) instructions for using said at least two ligation oligonucleotides to practice a method according to Claim 1.

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28. The kit according to Claim 27, said kit further comprising a ligase.

29. The kit according to Claim 27, said kit further comprising pseudotarget detection reagents.

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30. The kit according to Claim 29, wherein said pseudotarget detection reagents comprise PCR primers.

31. The kit according to Claim 30, wherein said system further comprises  
20 one or more additional PCR reagents.